

What is claimed is:

1. A carrier for cell culture comprising a water-containing polymer gel containing chitosan, wherein the water-containing polymer gel is coated with collagen and/or alginic acid.

2. The carrier for cell culture according to claim 1, which comprises two or more coated layers.

3. The carrier for cell culture according to claim 2, wherein an outermost layer is a collagen-coating layer or an alginic acid-coating layer.

4. The carrier for cell culture according to claim 2, wherein an outermost layer is an alginic acid-coating layer.

5. The carrier for cell culture according to claim 2, which comprises a chitosan-coating layer as an outermost layer formed on an alginic acid-coating layer.

6. A carrier for cell culture, which comprises a gel layer containing chitosan and an inorganic layer adjacently provided to the gel layer.

7. The carrier for cell culture according to claim 6, wherein the inorganic layer comprises a metal and/or a metal oxide.

8. The carrier for cell culture according to claim 6, wherein the inorganic layer contains inorganic microparticles.

9. The carrier for cell culture according to claim 7, wherein the inorganic layer is a stainless steel layer or an aluminum layer.

10. The carrier for cell culture according to claim 6, wherein the inorganic layer has at least one hole having a diameter of $10\ \mu\text{m}$ or more.

11. The carrier for cell culture according to claim 6, wherein at least one gel layer containing a cell adhesion component is laminated.

12. The carrier for cell culture according to claim 11, wherein the cell adhesion component is selected from the group consisting of collagen, alginic acid, and chitosan.

13. A method for culturing cells by using the carrier for cell culture according to claim 1.

14. A cell culture which is obtainable by culturing cells using the carrier for cell culture according to claim 1.

15. A method for culturing cells by using the carrier for cell culture according to claim 6.

16. A cell culture which is obtainable by culturing cells using the carrier for cell culture according to claim 6.

17. A method for culturing cells by using the carrier for cell culture according to claim 10.

18. A cell culture which is obtainable by culturing cells using the carrier for cell culture according to claim 10.